

SLEBODZINSKI, Andrzej; WOJCIK, Kazimierz

The protein level and the trend of changes in serum protein fractions in sheep receiving estrone injections. Acta physiol. polon. 13 no.4: 501-509 '62.

1. Z Laboratorium Biochemicznego Instytutu Zootechniki w Krakowie  
i Zakładu Fizjologii Zwierząt Wyższej Szkoły Rolniczej w Krakowie  
Kierownik: prof. dr Z. Ewy.  
(BLOOD PROTEINS) (ESTRONE)

WOJCIK, K.; EHY, Z.

Studies on the serum glycoproteins level in mares in early pregnancy. Bull. acad. Pol. sci. [Biol.] 13 no.8:485-487 '65.

1. Submitted May 8, 1965.

WOJCIK, Leszek, mgr inz.

Semiconductor converters used in vehicle lighting. Przegl  
elektrotechn 41 no.3:117-120 Mr '65.

1. Department of Lighting Techniques of the Institute of Electrical  
Engineering, Warsaw.

STERNADEL, Zbigniew; MARIANOWSKI, Longin; WOJCIK, Maria

Labor in obese women. Zdrow. publiczne no.4/5:171-176 Ap-May '65.

1. Z I Kliniki Położnictwa i Chorob Kobietych AM w Warszawie  
(Kierownik: prof. dr. med. T. Bulski).

WOJCIK, Marian, mgr inz.; MADURA, Emil, technik

Improved circulation of condensates. Gosp paliw 11 Special  
issue no. (95):37-38 Ja '63.

1. Fabryka Celulozy i Papieru, Klucze.

WOJCIK, M.; BOGUCKI, A.

Results of the measurements of voltage and frequency characteristics of a steady load. Pt. 2. p. 103

ENERGETYKA (Ministerstwo Gornictwa i Energetyki oraz Stowarzyszenie Elektrykow Polskich) Bytom, Poland. Vol. 13, no. 4, Apr 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.  
Uncl.

WOJCIK, Marian, inz.

Load measurements on the Zarki-Skierniewice electric railroad line.  
Biuletyn. Energetyka Pol 14 no.4:6-8 Ap '60. (EEAI 9:10)

1. Zaklad Systemow Energetycznych in Katowice.  
(Poland--Electric lines)  
(Poland--Railroads)

WOJCIK, Marian, mgr inz.

A conference devoted to scientific problems on methods of determining the load curve prognosis and the power reserves for the planning of power systems. Energetyka Pol 14 no.7:220-222 J1 '60. (EEAI 10:1)  
(Poland--Electric power)



WOJCIK, Marian, inz.

Results of the load index tests for electric traction of the Polish Railroads. Pt.1. Energetyka Pol 15 no.2 Biuletyn:8 F '61. (EEAI 10:5)

1. Zaklad Sieci Elektrycznych Katowice.  
(Poland--Railroads)

BOGUCKI, Antoni, dr., inż.; WOJCIK, Marian, inż.

~~Equations of natural static voltage~~ characteristics of the reactive power received by typical consumer groups. Energetyka Pol 16 no.2: 53-56 '62.

1. Zakład Sieci Elektrycznych.

BOGUCKI, Antoni, dr.inz.; WOJCIK, Marian, inz.

Steady-state voltage characteristics of the active power  
consumption of typical groups of electric power consumers.  
Energetyka Pol 16 no.7:213-215 JI '62.

1. Instytut Energetyki, Warszawa.

BOGUCKI, Antoni, dr.inz.; WOJCIK, Marian, inz.

Equations of the steady-state frequency characteristics of active power consumption taken for typical consumer groups. Energetyka Pol 16 no.8:251-253 Ag '62.

1. Instytut Energetyki, Warszawa.

WOJCIK, Marian Antoni, mgr inż.

Analysis and evaluation of cooling systems of thermal power stations. Pt. 1. Energetyka Pol 17 no. 7: Supplement: Energopomiar 9 no. 4:29-32 J1 '63.

1. Dział Ciepłny, Instytut Energetyki, Warszawa.

WOJCIK, Marian Antoni, mgr inż.

Analysis and evaluation of cooling systems of thermal electric power plants. Pt. 2. Energetyka Pol 17 no.11:Suppl.:Energopomiar 9 no.6s44-48 N '63.

1. Pion Ciepłny, Zakład Badan i Pomiarow, Warszawa.

WOJCIK, Marian Antoni, mgr inz.

Analysis and evaluation of cooling systems of thermal electric power plants. Pt. 3. Energetyka Pol 18 no. 1: Supplement: energopomiar 10 no. 1: 1-3 Ja '64.

1. Pion Ciepłny, Zkład Badan i Pomiarow, Warszawa.

MAJEWSKI, Zdzisław; WOJCIK, Maria

Measuring method of storage charge collected in p-n junctions as applied to the determination of the carrier lifetime in regions neighboring junctions of wide-base diodes. Przegl elektroniki 4 no. 5/6: 317-322 My-Je '63.

1. Zakład Elektroniki, Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa.



WOJCIK, MARIA  
KUJAWSKA, Aleksandra; WOJCIK, Maria

Results of roentgenologic and electrocardiographic examinations  
of the heart in silicosis. Polski tygod. lek. 12 no.21:803-806  
20 May 57.

1. Z II Kliniki Chorob Wewnętrznych Śląskiej Akademii Medycznej  
i z Działu Chorob Zawodowych Instytutu Medycyny Pracy w Przemysle  
Węglowym i Hutniczym w Zabrzu; kierownik: prof. dr. med. W. Zahorski.  
Adres: Zabrze, 3 Maja 13, II Klin. Chor. Wewn. A. M.

(SILICOSIS, physiology,

ECG & heart x-ray (Pol))

(ELECTROCARDIOGRAPHY, in various diseases,  
silicosis (Pol))

(HEART, in various diseases,  
silicosis, x-ray (Pol))

EXCERPTA MEDICA Sec.6 Vol.11/1 Internal Med. Jan 57

WOJCIK M.

642. WOJCIK M. II Klin. Chor. Wewn. Śląskiej A.M. i Działu Chor. Zawodowych Inst. Med. Pracy, Przemysłu Węglowym i Hutniczym, Zabrze. \*Układ krążenia w ostrych zatruciach tlenkiem węgla w przemyśle. The circulatory system in acute carbon monoxide poisoning in industry MED. PRACY 1956, 7/1 (51-56)

Some authors suggest that carbon monoxide (CO) exerts toxic action on the metabolism of the cardiac muscle. The air containing 0.01% CO causes only slight symptoms, 1% concentration of CO in the air brings about death in a few minutes. Autopsy findings reveal, as a result of CO poisoning, punctate haemorrhages in the pericardium or small necrotic foci. Clinically there are headaches, dizziness, nausea, restlessness - the cardiac action accelerates, the second sound above the pulmonary artery becomes accentuated, blood pressure is lowered, the ECG reveals lowering of ST, P pulmonale and low voltage QRS extrasystoles, Wilson's block. Observations on 32 cases.

(VL 17)

WOJCIK, Marian; OLES, Andrzej; KAMINSKA, Irena

Attempted domiciliary treatment of patients with viral hepatitis in the city of Rzeszow in 1960 and 1961. Przegl. epidem. 16 no.2: 233-235 '62.

1. Z Działu Epidemiologii Woj. Stacji San Epid. w Rzeszowie Dyrektor Stacji: lek. med. Z. Mazurek.  
(HEPATITIS INFECTIOUS ther)

BOGUCKI, Antoni, dr inz.; WOJCIK, Marian, inz.

Equations of steady-state frequency characteristics of reactive power consumption for typical consumer groups. Energetyka Pol 17 no.5:149-151 My '63.

1. Instytut Energetyki, Katowice.

P/053/63/000/003/003/003  
E192/E382

**AUTHORS:** Majewski, Zdzisław and Wójcik, Maria

**TITLE:** Investigation of the influence of surface recombination on the transient operation of a p-n junction

**PERIODICAL:** Przegląd elektroniki, no. 3, 1963, 163 - 167

**TEXT:** Ge-In junctions, the construction of which is illustrated in Fig. 1, were investigated. The Ge surface opposite the junction inside the Ni ring of the base was used as the recombination contact of the base. Changes in the Ge surface were induced either by gradual etching in boiling  $H_2O_2$  or by sanding. This latter operation was performed by rubbing the surface with cotton wool wetted in fine carborundum paste or by a high-pressure water jet containing carborundum powder. The switching operation of the junction can be described either by measuring the charge accumulated in the near-junction area or by measuring the dependence of the inverse current after rapidly switching off the voltage from a junction which was conducting in the forward direction. It is shown that for a thin base the relationship between the transient or the switching parameter and the surface

Card 1/3

P/053/63/000/003/003/003  
E192/E382

Investigation of ....

recombination velocity  $s$  is defined by:

$$\frac{1}{\tau_{ef}} = \frac{1}{\tau_p} + A_t \cdot \frac{s}{w} \quad (4)$$

where  $\tau_{ef} = \Delta Q_s / \Delta I_p$  is the effective lifetime of the holes in the base (where  $\Delta Q_s$  is the charge stored in the near junction region and  $\Delta I_p$  is the conduction current prior to the switching-off),  $\tau_p$  is the volume lifetime of the holes in the base and  $w$  is the thickness of the base. The constant in Eq. (4) is expressed by:

$$A_t = \frac{w}{L_p} \frac{1}{\sinh \frac{w}{L_p}} + \frac{sL_p}{D} \left( \cosh \frac{w}{L_p} - 1 \right) \quad (5)$$

Card 2/3

P/053/63/000/003/003/003  
E192/E382

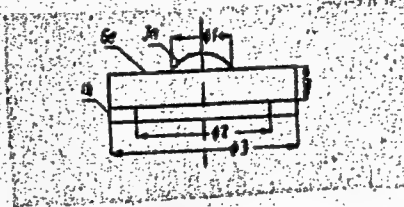
# Investigation of ....

where  $L$  is the diffusion path of the holes in the n-region and  $D_p$  is the diffusion constant for the holes. Eq. (4) was used to investigate the possibility of determining the surface recombination velocity  $s$  from the stored-charge measurements. It was found that, in general,  $s$ , determined by this method, differed quite significantly from the results measured by the photoelectric method. However, this discrepancy can be eliminated if the constant  $A_t$  in Eq. (4) is determined experimentally for various values of  $w/L$  and various junction configurations. There are 6 figures and 1 table.

ASSOCIATION:

Zakład Elektroniki IPPT-PAN  
(Electronics Laboratory, IPPT-PAN)

Fig. 1:



Card 3/3

20068

P/015/60/000/003/001/001  
A076/A126

152120

1142 1273 115T

AUTHOR: Wojcik, Mieczyslaw

TITLE: Quartz glass - properties

PERIODICAL: Szkło i Ceramika, no. 3, 1960, 73 - 78

TEXT: Mechanical, optical, chemical and electrical properties of quartz glass are described. Production of non-transparent quartz glass began in Poland during 1958 in the Zakłady Szklarskie "Kara" (Glass Plant "Kara") in Piotrków Trybunalski. In the first phase production of quartz blocks used to manufacture tank furnaces began in the glass plants "Wołomin" and "Polanka". Later, electrical insulators, thermocouple pipes and vessels for the chemical industry will be produced. The mechanical properties of non-transparent quartz glass, based on data compiled by V. P. Pryanishnikov and published in "Quartz Glass" 1956, Moscow and E. Goerlich published in "Chemia Krzemianów" (Silica Chemistry) 1957, Warsaw, are given in Figure 1. Specific weight of non-transparent quartz glass ranges from 2.02 to 2.08 G/cm<sup>3</sup>. It has good tensile, bending and drawing strength and resists irregular heating. Further, it has good refractory properties compared to other type glass. It can withstand temperatures from 1,100 to 1,200°C and for a short

Card 1/7



20068

P/015/60/000/003/001/CO1  
A076/A126

## Quartz glass - properties

time even 1,400°C. Visible crystallization in non-transparent quartz glass begins at 1,200°C and in transparent glass at 1,300°C. Crystallization speed in non-transparent glass at 1,630°C. The crystallization depends on temperature and Figure 2 shows this dependence according to investigations made by G. A. Konovalov, F. A. Kurlankin and V. P. Pryanishnikov. Average heat capacity of quartz glass, according to the All-Union Institute of Refractory Materials, USSR, is shown in Table II. Quartz glass has the best electric properties and there are practically no dielectric losses. At normal temperature specific conductivity of non-transparent quartz glass is  $10^{-16}$ , and for transparent  $10^{-18}$  ohm $^{-1}$  . cm $^{-1}$ . Figure 3 shows the increased electric conductivity of quartz glass in relation to higher temperatures. Dielectric endurance of transparent quartz glass at 20°C is 43 kv/mm and of non-transparent glass 32 kv/mm. In addition to the above electric properties, quartz glass allows the passage of ultra-violet rays, investigation results obtained by the Institute of Optics in Moscow with a 13-mm-thick quartz glass sample are given in Table IX. White light absorption coefficient does not exceed 0.002. Absorption coefficient of a 1-mm-thick quartz sample for a 280  $\mu$  wave ranges from 0.0004 to 0.0008. There are 10 tables and 6 figures.

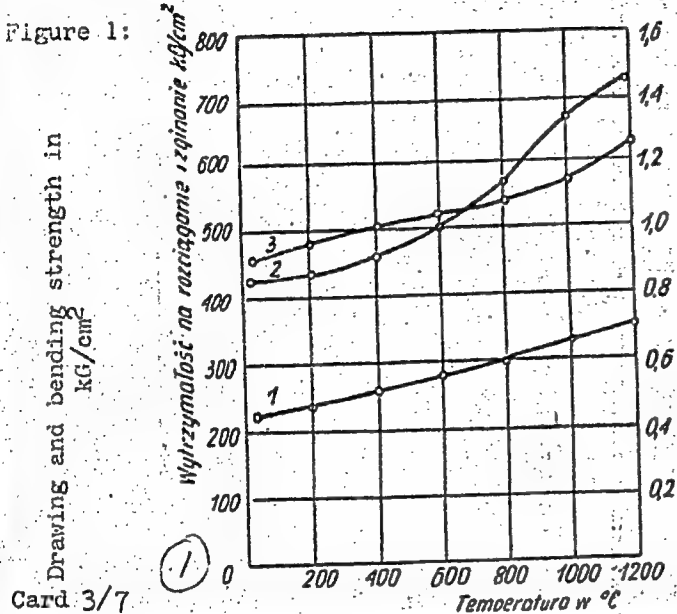
Card 2/7

20068

P/015/60/000/003/001/001  
A076/A126

Quartz glass - properties

Figure 1:



Mechanical endurance of non-transparent quartz glass in dependence on temperature, according to N. A. Kononov; curve 1 - drawing strength; curve 2 - bending strength; curve 3 - bending impact strength.

Quartz glass - properties

20068

P/015/60/000/003/001/001

A076/A126

Table II:

Temperature °C	Average heat capacity in kcal/kg°C	
	Transparent quartz glass	Non-transparent quartz glass
20	0.213	0.205
200	0.213	0.205
300	0.220	0.218
400	0.230	0.218
500	0.224	0.237
600	0.240	0.242
700	0.250	0.247
800	0.260	—
1,000	0.273	—

Card 4/7

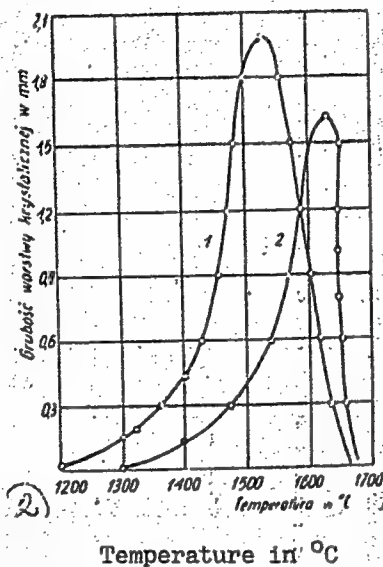
20068

P/015/60/000/003/001/001  
A076/A126

quartz glass - properties

Figure 2:

Thickness of crystallization in mm



Crystallization speed of quartz glass in dependence on temperature according to G. A. Konovalov, F. A. Kurlankin and V. P. Pryanishnikov. Number 1 for non-transparent quartz; number 2 for transparent quartz.

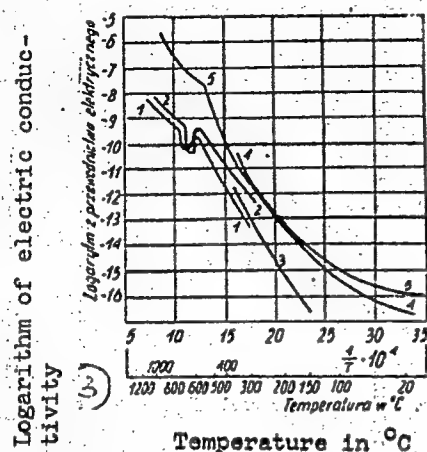
Card 5/7

20068

P/015/60/000/003/00 1/001  
A076/A126

Quartz glass - properties

Figure 3:



Electric conductivity depending on temperature. Curve 1 - transparent quartz glass; curve 2 - non-transparent quartz glass; curves 3 and 4 - non-transparent and transparent quartz, glass according to the Institute of Physics; curve 5 - transparent quartz glass, according to Mikhaylov

Card 6/7

20068

P/015/60/000/003/001/001  
A076/A126

Quartz glass - properties

Table IX: Permeability of quartz glass to ultra-violet rays

Wave length in m $\mu$	Permeability in %	Wave length in m $\mu$	Permeability in %
217	6.0	248	50.9
220	10.1	252	62.0
224	21.2	256	73.0
226	28.0	260	82.0
228	34.0	264	87.0
230	38.0	268	90.0
230	40.9	272	91.0
234	41.9	276	91.2
236	41.9	280	91.6
238	41.3	290	92.0
240	41.3	300	91.8
242	41.9	350	92.0
244	43.5	400	92.4

Card 7/7

WOJCIK, P.

Current problems of construction in rural areas, p. 69

ZAGADNIENIA EKONOMIKI ROLNEJ (Komitet Ekonomiki Rolnictwa Polskiej Akademii Nauk,  
Instytut Ekonomiki Rolnej i Sekcja Ekonomiki Rolnictwa Polskiej Towarzystwa  
Ekonomicznego) Warszawa, Poland. No. 1, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.  
Uncl.

GAWECKA, I.; WOJCIK, R.

Observations on the problem of biological and statistical evaluation of the activity of cardiac glycosides. Acta physiol. polon. 10 no.3:423-434 May-June 59.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie Kierownik:  
dr. J. Venulet.

(CARDIAC GLYCOSIDES, pharmacol.)



VENULET, Jan; WOJCIK, Ryszard

Basic methods of statistical analysis of biological problems.  
Postepy biochem.6 no.1:83-113 '60.

(STATISTICS)

(BIOLOGY)

GAWECKA, Irena; SZMAL, Zdzislaw; WOJCIK, Ryszard

Evaluation of biological method for the determination of adrenalin  
in drugs. Acta physiol.polon. 11 no.3:457-468 My-Je '60.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie Kierownik:  
doc. dr J.Venulet.  
(EPINEPHRINE chem)

JANOWIEC, M.; WOJCIK, R.

Multiphasic evaluation of the activity of antitubercular drugs  
on guinea pigs. Acta physiol. polon. 11 no.5/6:739-740 '60.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie. Kierownik:  
doc.dr J.Venulet.

(ANTITUBERCULAR AGENTS pharmacol)

GAWECKA, Irena; WOJCIK, Ryszard

Studies on the effect of pigeon's weight and of the time of determination on the biological activity of *Digitalis purpurea*. Acta physiol. Pol. 13 no.1:217-226 '62.

1. Zaklad Farmakologii Instytutu Lekow w Warszawie Kierownik: doc. dr J. Venulet Katedra Statystyki Matematycznej SGGW Kierownik: prof. dr Z. Nawrocki.

(DIGITALIS pharmacol)

JANOWIEC, Mieczyslaw; WOJCIK, Ryszard, A.; VENULET, Jan

Associated effect of isonicotinic acid hydrazide (INH) and of some drugs influencing the macro-organism in experimental tuberculosis. Med. dosw. mikrobiol. 15 no.4:311-315 '63.

1. Z Zakładu Farmakologii Instytutu Leków w Warszawie (kierownik: doc.dr.med. J. Venulet) i z Katedry Statystyki Matematycznej SGGW w Warszawie (kierownik: prof.dr. Z. Nawrocki).

Wojcik, Sierżyna, mgr inż.

Hydraulic gas accumulators with separated spaces for gas  
and liquid. Przegl mech 23 no.14:400-402 25 J1 '62

Pl. Designer, Widzew Textile Machine Works, Lodz.

WOJCIK, S.

Preparation for putting a peeling machine into motion. p. 21.  
PRZEMYSŁ DRZEMNY, Warszawa, Vol. 6, no. 7, July 1955.

SO: Monthly List of East European Accessions, (ESAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

WOJCIEK, S.

WOJCIEK, S. The setting of a knife in a peeling machine. p. 274.

Vol. 6, No. 10, Oct. 1955

PRZEMYSŁ DRZEWNY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956



WOJCIK, S.

How we shall travel in 1959 and in the following years. p.44.

PRZEGLAD KOLEJOWY DROGOWY. (Wydawnictwa Komunikacyjne) Warszawa, Poland  
Vol.11, no.3, Mar. 1959

Monthly list of East European Accessions (EEAI) LC, Vol.8, no.7, July 1959

Uncl.

WOJCIAK, S.

Rovimiz A, a concentrate of A vitamin for feeding purposes.  
Przem gospy 16 no.1:48-49 Ia '62.

WOJCIK, Stanislaw

May fly fauna (Ephemeroptera) of the Vistula River near Tczew.  
Biologia zesz nauk Poznan no.4:102-120 '63.

1. Institute of Systematic Zoology of the Adam Mickiewicz University, Poznan.

WOJCICK, STANISLAW

MD VChemical composition of coypu (*Myocastor coypus*) milk.  
Stanislaw Wojcik and Zdzislaw Zdybicki (M.C.S. Univ.:  
Lublin, Poland). *Ann. Univ. Mariae Curie-Skłodowska*,  
Lublin-Polonia, Sect. B, 9, 331-3 (1954).--Results of chem.  
analysis of milk and colostrum of coypu are given. Milk:  
sp. wt. 1.02, dry matter 38.4-42.3, inorg. matter 1.2-1.5,  
N 1.8-2.4, total protein 11.6-15.1, casein 6.5-11.4, albu-  
min 2.1-4.2, globulin 1.0-1.6, fat 20.3-31.4, lecithin 0.3,  
lactose 0.2-1.1, Na 0.2, P 0.1, and total org. matter 40.3%;  
carotene 200  $\gamma$ , vitamin A 800  $\gamma$ %. Colostrum: sp. wt. 1,  
dry matter 48.4, inorg. matter 3.3, org. matter 43.1, N 2.9,  
total protein 18.3, casein 6.9, albumin and globulin 10.9,  
fat 23.8, and lactose 0.8%.  
R. Ehrlich

(2)

FACZYNSKI, Andrzej; SZCZĘKOT, Józef; DUNAJSKA, Weronika; WOJCIECH, Tadeusz

Excessive physiological mobility of the cervical spine in children as a cause of diagnostic difficulties. Chir. narząd. ruchu ortop. Pol. 28 no.7:787-791 '63

1. Z Kliniki Ortopedycznej Akademii Medycznej w Gdańsku (Kierownik: doc. dr. A. Senger).

WOJCIK, Tadeusz, mgr.inz.

The Ba 46 barge. Bud okretowe Warszawa 7 no.6:181 Je '62.

1. Biuro Konstrukcyjne Taboru Morskiego, Gdansk.

WOJCIAK, Tadeusz, mgr inż.

Designing inland vessels in the Merchant Marine Craft Designing  
Office. Bud okretowe Warszawa 8 no.9:304-305, inserts A-C  
S '63.

1. Biuro Konstrukcyjne Taboru Morskiego, Gdansk.

WOJCIAK, Tadeusz, mgr inż.

Czechoslovak and Hungarian shipyards. Bud okretowe Warszawa 8  
no.4:112-114 Ap '63.

1. Biuro Konstrukcyjne Taboru Morskiego, Gdansk.



POLAND/Nuclear Physics - Nuclear Power and Technology

C

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17523

Author : Frankowski, W., Wagner, J., Wojcik, T.

Inst : -

Title : Conditions of the Economic Operation of Nuclear Power  
Stations in Poland

Orig Pub : Nucleonika, 1958, 3, Spec. Number, 11-17

Abstract : No abstract.

Card 1/1

WOJCIK, T.

TECHNOLOGY

Periodicals: NORMALIZACJA. Vol. 26, no. 6/7, June/July 1958

WOJCIK, T. Concerning the unreality of some "real state"; an answer to Dr. H. Stonert. p. 269.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

WOJCIK, T.

TECHNOLOGY

Periodicals: ~~NORMALIZACJA~~. Vol. 26, no. 9, Sept. 1958

WOJCIK, T. A draft of a systematization standard. p. 420

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

WOJCIK, T.

Lesions associated with hardening of steel; report of acute case of poisoning with sodium cyanide. Med. pracy 5 no.3:187-190 1954.

1. Z Wojewodskiej Stacji Sanitarnej-Epidemiologicznej w Kielcach.  
(CYANIDES, poisoning,  
sodium cyanide, occup. pois. in metal worker)  
(OCCUPATIONAL DISEASES,  
sodium cyanide pois. in metal worker)  
(POISONING,  
sodium cyanide, in metal worker)

ZEBROWSKI, Tadeusz; PIENIAZEK, Janina; BOROWIECKA, Anna; WOJCIK, Teresa;  
JEDRUSZEK, Jerzy.

Practical value of repeated determination of isoniazid resistance  
of the tubercle bacillus. Polski tygod.lek. 10 no.10:293-297 7 Mar  
55.

1. Z Centralnego Laboratorium Panstw. Zespolu Sanatoriow Przeciw-  
grunzlanych w Otwocku; kierownik Laboratorium: dr med. Tadeusz  
Zebrowski, Otwock, ul. Reymonta 53 m. 5.

(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on,  
isoniazid resist., value of repeated determ.)

(NICOTINIC ACID ISOMERS, effects,  
isoniazid on M. tuberc., resist., value of repeated  
determ.)

WOJCIK, T.

General principles of subject classification, p. 378.  
(NORMALIZACJA. Vol. 24, no. 7, July 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.  
Uncl.

WIKTOROWICZ, Maria; WOJCIK, Teresa

Examination of synthetic packages for some galenic preparations.  
Ann. Univ. Lublin sect. D 19:235-240 ' 64.

1. Katedra i Zakład Farmacji Stosowanej, Wydział Farmaceutyczny  
AM w Lublinie (Kierownik: prof. dr. farm. Henryk Nerlo).

WOJCIK, Tadeusz, mgr., inz.

Motor ship "Rokita" for cattle transportation.

Bud okret 7 no.3:71-75 Mr '62



WOJCIK, W.

WOJCIK, W. Problems with regard to the portioning of smoked-meat products. p. 17.  
(per) Is white meat more digestible than dark meat? p. 18

Vol. 11, no. 9, Sept. 1956  
PREMYSL GASTRONOMICZNY  
TECHNOLOGY  
Warsaw, Poland

So. East Accession Vol. 6, no. 2, Feb. 1957

WOJCIK, W.

"Remarks on Standardization in the Mining of Nonferrous Ores in Poland,"  
P. 195. (WIADOMOSCI, Vol. 22, No. 4, Apr. 1954. Warszawa, Poland)

SO; Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955 Uncl.

WOJCIK, Witold, mgr inz.

Increase of labor productivity in nonferrous ore mining.

Rudy i metale 9 no. 8:448-450 Ag '64.

POLAND/Chemical Technology - Chemical Products and Their  
Application. Corrosion. Protection Against  
Corrosion.

H-4

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 57806

Author : Wojcik Wacław

Inst :

Title : The Use of Plating in the Repair Shipyard in Gdynia.

Orig Pub : Budown. okret., 1958, 3, No 2, 32.

Abstract : No abstract.

Card 1/1

Wojcik, W.

WOJCIK, W.

Preliminary sealing of fissured water-bearing strata before shaft sinking.

p. 336 (Przeblad Gorniczy. Vol. 12, no. 9, Sept. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
February 1958

Wojcik W.

Wojcik W., Eng. "Water or Compressed Air as a Medium for Transporting Stowing Material." (Woda czy powietrze jako przenosnik materiału podsadzkowego). Przegląd Gorniczy, No. 7-8, 1950, pp. 376-380, 3 figs.

The necessity of stowing in the mining of copper-bearing marl vein, in order to prevent the subsidence of the roof above which occur, at a small vertical distance, rich water-bearing layers. Hydraulic stowing was found suitable. It appeared thereafter that the stowing with sand and gravel occurring on the surface in tertiary formation of a thickness up to 50m. was more suitable. The author gives practical analyses of the stowing by air with sand and gravel will be cheaper than and as efficacious as the hydraulic stowing.

SO: Polish Technical Abstracts - No. 2, 1951

WOJCIK, Witold, mgr., inż.

New concepts on draining opencast mines. Przegl gorn 17 no.7/8:  
400-406 J1-Ag '61.

WOJCIAK, Witold, mgr inz.

Economy of shaft sinking by the drilling method. Rudy i metale  
9 no.11:628-630 N '64.



WOJCIK, Witold, mgr inz.

Boring method of shaft sinking. Wiadom gorn 13 no.10:339-344,  
O. '62.

WOJCIEK, Witold, mgr inż.

A skip delivery open pit mine. Rudy i metale 9 no. 1:  
42-43 Ja '64.

WOJCIK, W., mgr inz.

The copper industry in Israel. Rudy i metale 8 no. 31:457-  
459 N '63.

WOJCIK, Z.

WSZECHSWIAT. Warszawa. No. 9, Sept. 1958.

Mysteries of Studnisko cave. p.251.

SCIENCE

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 2,  
February 1958, Unclass.

WOJCIK, Z.; HILLERICH, A.

Review of Polish scientific publications of the last four years on the problem of population based on a bibliography of selected ecologic problems. p. 263.

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

WOJCIK, Z.

Phosphorites from Mielnik on the Bug River. p. 172

PRZEGLAD GEOLOGICZNY. (Wydawnictwa Geologiczne)  
Warszawa, Poland. Vol. 7, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 7, July 1959

Uncl.

WOJCIK, Z.

The upper series of the southern slope of Mount Bobrowiec. p,165.

ACTA GEOLOGICA POLONICA. Warszawa, Poland. Vol. 9, no. 2, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

WOJCIK, Z., ZWOLINSKI, S.

Young tectonic displacements in Tatra caves. p,319

ACTA GEOLOGICA POLONICA. Warszawa, Poland. Vol. 9, no.2, 1959.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, Sept. 1959  
Uncl.



SWIDZINSKI, H.; KOSTECKI, J.; WOJCIK, Zb.; MOJSKI, J.; GLAZEK, J.

Review of publications. Przegl geol 12 no.10:428-430 0 '64.

WOJCIK, Zbigniew

The allochthonous gravel in Tatra Mountain caverns. Acta geol pol  
10 no.3:401-454 '60. (EEAI 10:6)

1. Zaklad Geologii Dynamicznej Uniwersytetu Warszawskiego i Muzeum  
Ziemi Polskiej Akademii Nauk  
(Poland--Caves) (Poland--Gravel)  
(Tatra Mountains)

WOJCIK, Zbigniew

POLAND

WOJCIK, Zbigniew

Earth Museum (Muzeum Ziemi)

Warsaw, Przegląd Geologiczny, No 8, Aug 63, pp 399-400.

"Speleological Investigations in the Tatras in 1961-62".

GLAZEK, Jerzy; WOJCIK, Zbigniew

Karst phenomena in the eastern part of the Polish Tatra Mountains.  
Acta geol Pol 8 no.1:91-124 '63.

1. Laboratory of Dynamic Geology, University, Warsaw, and Museum  
of the Earth, Polish Academy of Sciences, Warsaw.

KOZLOWSKI, Stefan; WOJCIK, Zbigniew

Plan of a geologic museum to be established at Kadzielnia in Kielce.  
Przegl geol 12 no.10:416 0 '64.

1. Institute of Geology Warsaw (for Kozlowski). 2. Earth Museum,  
Warsaw (for Wojcik).

WOJCIK, Zbigniew

Popularization of Tatra speleology. Przegl geol 10 no.1:57-58  
Ja '62.

WOJCIK, Zbigniew

Caverns and speleology in Hungary. Przegl geol 11 no.1:  
45-46 Ja '63.

WOJCIK, Z.

Hungarian speleological publications. Przegl geol 11 no.1:  
59-60 Ja '63.



WOJCICK, Zbigniew

Spaleological research in the Tatra Mountains in 1961-1962.  
Przegl. geol. 11 no. 8:399-400. Ag. '63.

1. Museum of Earth Science, Warsaw.

WOJCIK, Zbigniew; GAMS, I. [translator]

Problems of the geomorphology of Yugoslavia in Polish literature.  
Geogr vest 36:88-97 '64 [publ. '65].

1. Museum of Natural Sciences of the Polish Academy of  
Sciences, Warsaw (for Wojcik).

Kawecka-Gryczowa, Alodia; Zablocki, Stefan; Voise, Waldemar; Stasiewicz, Irena; Orłowski, Bolesław; Pazdub Jan; Dobrzycki, Jerzy; Barycz, Henryk; Szpilczyński, Stanisław; Skarzynski, Bolesław; Palacz, Ryszard; Wojcik, Zbigniew; Jewsiewicki, Władysław; Pilecki, Jerzy; Ravetz, J.R.

Book reviews. Kwart hist nauki i tech 7 no.1/2:147-219 '62.

WOJCIAK, Z.

"The Influence of the Heat Treatment and Temperature on the Size of Austenite Grains in Steel." p. 171 (HUTNIK, Vol. 20, No. 5, May 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10, October 1953. Unclassified.

WOJCIK, Z.

"The Development of Metallurgy During the Past 25 Years." p. 174 (HUTNIK, Vol. 20, No. 5, May 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 109, October 1953. Unclassified.

WOJCICK, Z.

Journal of Applied Chemistry  
June 1954  
Chemical Engineering and  
Electrochemical.

(2)  
Electrolytic polishing of steel at elevated temperatures. Z. Wojcik  
(*Prace Inst. Metal. Hutei.*, 1953, 8, No. 3, 123-128; *J. Iron Steel*  
*Inst.*, 1954, 178, 241).—A method of investigating supercooled  
austenite in steel entails electrolytic polishing at temp. up to 350°  
of specimens previously quenched at supercritical rates from above  
the A<sub>c</sub> point. The electrolytes and the technique of electro-  
polishing are described. Advantages and applications of the method  
for studying the transformation of supercooled austenite, deter-  
mining grain size, investigating the incubation period, and studying  
the bainitic transformation are discussed with examples.

R. B. CLARK

Chem. Abs.

Vol. 48, No. 9

May 10, 1954

Wojcik, Z.

POL. 4

U

✓ Electrolytic polishing of steel strip. Z. Wojcik (Inst. Met., Gliwice, Poland). *Prace Inst. Metalurgii Huty* 6, 257-63 (1964) (English summary); *Ch. C.A.* 68, 5003c. — In the present method W. polished C steel strips and wires by pulling them through an electrolyte at 70-80° contg.  $H_2PO_4$  77,  $H_2SO_4$  9,  $CrO_3$  8, and water 8 wt. %, the strips or wires being anodes at a c.d. 50 amp./sq. dm., anodic potential 3.5-3.7 v., and residence time (in the electrolyte) 1-1½ min. After the electrolyte dissolved some Fe, it became more effective. Water and then  $Na_2CO_3$  soln. rinsing followed. After drying, the strips or wires could be submerged in oil at 130° to protect them from corrosion. During electropolishing,  $H_2PO_4$  and  $H_2SO_4$  dissolved the thin layer of the metal while  $CrO_3$  oxidized C (in this layer) to CO or  $CO_2$ . From time to time Cr(III) had to be oxidized to Cr(VI) either by  $NH_4$  persulfate or preferably by anodic oxidation. In the latter case spent electrolyte was placed into a Pb tank serving as anode and provided with a Pb cathode surrounded by a diaphragm. C.d. on the anode was 0.5 and on the cathode 20 amp./sq. dm. Electropolishing

was better than mech. polishing because the former removed the thin stressed layer and made the edges smoother.  
Frank J. Hendry.

WORK, L.

POL •

2.

/ Electrolytic polishing of steel strip. Z. Wojcik (Prace Inst. Metal.  
Hutnic., 1951, 6, 257-263).--The problems of electrolytic polishing  
of ~0.8% C steel strip (cold-rolled with uniform structure and  
smooth surface), the selection and preparation of electrolytes  
capable of producing surfaces suitable for galvanising, and arrange-  
ments for continuous polishing operations (including control of the  
electrolyte, and the after-treatment of the strip) are discussed.  
A new method, utilising additional contacts in an electrolyte con-  
sisting of a mixture of  $H_2SO_4$ ,  $H_3PO_4$  and chromic acid, with cathodes  
placed perpendicular to the steel surface, is described. The surface  
finish obtained is suitable for immediate galvanising, without  
pickling.

L.S.

24



WOJCIK, Z.

"Danger is Eliminated at Hala Koudratowa", P. 17. (TURYSTA, No. 2, Feb. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

Wójski, Z.

POLON

18138 The Significance of Micro-Structural Examination in Metallurgical Investigations. Znaczenie badania mikrostruktur w ekspertyzach metaloznawczych. (Polish.) W. Haczewski, Z. Wójski, and J. Ogierman. Prace Instytutu Metaloznawstwa Hutniczego, v. 7, nos. 2-4, 1955, p. 179-182 + 4 plates. Determines causes of premature deterioration of railroad rails, cracking of carburized alloy steel gears, and deep drawing failures of low C steel sheet products. Micrographs, photographs, diagrams, graphs.

2

WOJCIK, Z.

POLAND

"Importance of Microstructure Examination in Metallurgical Investigations," by  
W. HACZEWSKI, Z. WOJCIK, and J. OGIERMAN; Prace Instytutow Ministerstwa Hutnictwa,  
Gliwice, Nos. 2-4, 1955, Uncl.

~~\_\_\_\_\_~~

Wojcik, Z.

V 1421 Interstage Annealing of 13 Percent Chromium Steel-  
less Steel. Z. Wojcik. Henry Bratcher Translation No. 3612.  
8 p. (From *Badenische Informations (Hutnick)*, v. 6, no. 2, 1955,  
p. 5-7.) Henry Bratcher, Altadena, Calif.  
Previously abstracted from original. See item 10533, v. 4, Aug.  
1955.

2/8 jsh

WOJCIK, Z.

# POLON

10533\* Interoperational Annealing of 13% Cr Stainless Steel.  
Wytwarzanie międzyoperacyjnej stali nierdzewnej 13% Cr.  
(Polish.) Z. Wojcik, Hutnik, v. 22, no. 2, Feb. 1955; Biuletyn  
Informacyjny Instytutu Ministerstwa Hutnictwa, v. 8, no. 2,  
1955, p. 5-7.  
Isothermal annealing; dilatometric and metallographic investigations. Heat treatment on laboratory and quasi-industrial scale.  
Micrographs, graphs, tables.

M B2

Revealing of austenite grains by a method of anodic  
etching at high temperatures

5

ROZYNSKA, Maria; WOJCIK, Zofia

Determination of boron in pharmaceutical preparations by the  
colorimetric method. Acta pol. pharm. 28 no.5:377-381 '61.

1. Z Zakladu Chemii I Instytutu Lekow w Warszawie Kierownik:  
doc. mgr inż. Z Margasinski.  
(BORON chem) (COLORIMETRY)

WOJCIK, Zofia

Growth waves in mice. Przegl zoolog 7 no. 1:21-25 '63.

1. Zakład Biologii, Akademia Wychowania Fizycznego, Warszawa.



NASIEROWSKA, Zofia; ROZYNSKA, Maria; WOJCIK, Zofia

Colorimetric determination of 4-chlor-3,5-xlenol.  
Chem anal 8 no.4:593-595 '63.

1. Department of Analytical Chemistry, Institute of Drugs,  
Warsaw.

PASCIAK, Jan; WOJCIK, Zofia

Polarographic determination of diisopropyloxantogenate disulfide (diproxid) in styrene. Chem anal 8 no.6:955-960 '63.

1. Research Department, Chemical Works, Oswiecim.

ROZYNSKA, Maria; NASIEROWSKA, Zofia; SUFFCZYNSKI, Janusz; WOJCIK, Zofia

Influence of auxiliary substances present in tablets and dragees  
on the precision of the active ingredient determination. Acta  
Pol. pharm. 22 no.1:21-29 '65.

1. Z Zakladu Chemii Analitycznej Instytutu Lekow w Warszawie  
(Kierownik: doc. mgr. inż. Z. Margasinski).

BRYC, Stanislaw; WOJCIK, Zygmunt

Normal angiographic pattern of the cerebral blood vessels in relation to the age of the patient. Folia morph. (Warsz.) 24 no.3:281-287 '65.

1. Z Zakładu Radiologii AM w Lublinie (Kierownik: doc. dr. K. Skorzynski) i z Zakładu Anatomii Prawidłowej AM w Lublinie (Kierownik: prof. dr. M. Stelmasiak).